

SWP Water Quality Summary

February 13 to 20, 2008

Total Dissolved Solids: TDS decreased at Banks Pumping Plant (BPP) and Check 29, but increased at Checks 41, Devil Canyon, Barker Slough and Vallecitos. Concentrations ranged from 215 mg/L to 349 mg/L (358 uS/cm to 582 uS/cm) and remained below the Article 19 Monthly Average Objective of 440 mg/L. The highest concentration of 349 mg/L (582 uS/cm) occurred at Check 41 while the lowest concentration of 215 mg/L (358 uS/cm) occurred at Check 29 on February 20, 2008. Concentrations continue to decrease at BPP from 259 to 251 mg/L (432 uS/cm to 418 uS/cm).

Bromide: Concentrations remain above the California Bay Delta Authority (CBDA) Objective of 0.05 mg/L project wide, ranging from 0.15 to 0.32 mg/L. Check 29 had the lowest concentration of 0.15 mg/L, followed by Vallecitos with 0.17 mg/L while the highest concentration of 0.32 mg/L occurred at Check 41. The concentration at BPP decreased slightly from 0.20 to 0.19 mg/L as of February 20, 2008.

Turbidity: Turbidity levels increased at Check 41 from 3 NTU to 5 NTU and Vallecitos from 18 NTU to 25 NTU, but decreased from 100 NTU to 79 NTU at Barker Slough. Turbidity levels were unchanged at BPP (18 NTU), Check 29 (7 NTU), and Devil Canyon (1 NTU), this week.

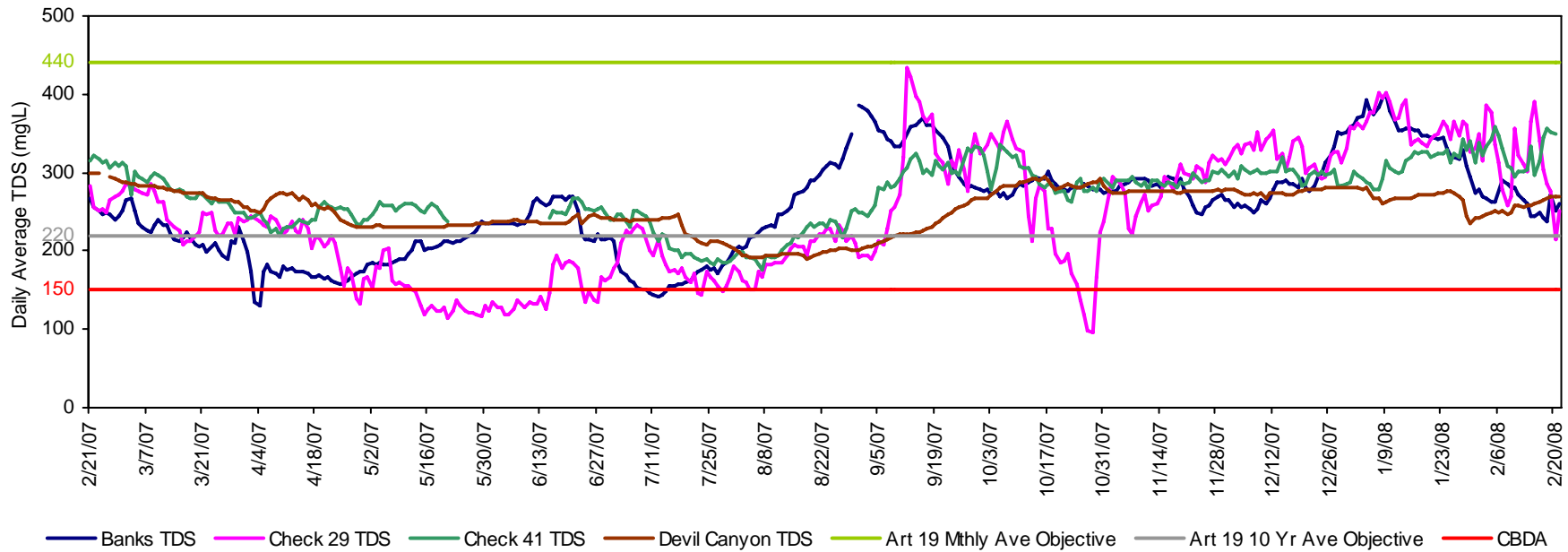
Dissolved Organic Carbon: Concentration was unchanged at BPP (6.8 mg/L), but increased from 1.7 mg/L to 3.1 mg/L at Edmonston. Concentration at BPP exceeded the CALFED TOC Objective of 3.0 mg/L. DOC concentrations were stable this week because of a closed storm tract, which produced little or no precipitation. DOC concentrations for Check 13 are unavailable due to instrument malfunction, which is being addressed.

Taste and Odor Compounds: MIB and geosmin remain low ranging from non-detect to 6 ng/L at BPP, Del Valle Check 7, Check 41, Check 66 and SilverWood Lake, as of February 11 and 12, 2008..

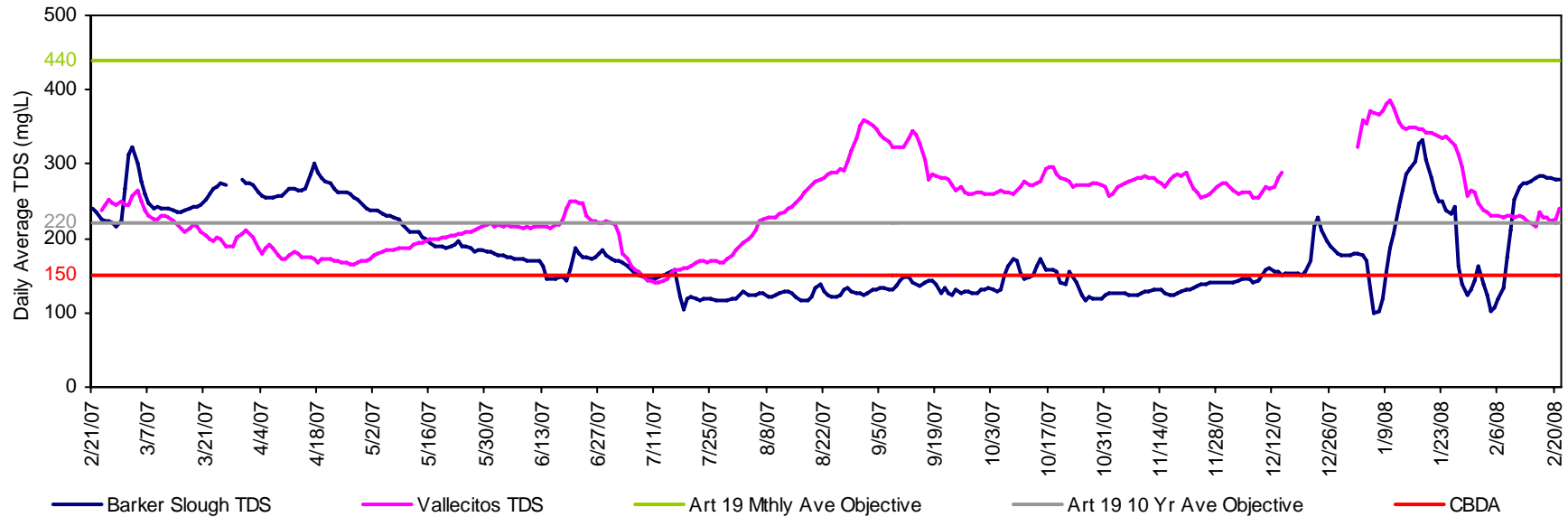
Note:

The intent of the weekly water quality (WQ) summary is to acquaint contractors, scientist and interested parties with the status of water quality in the State Water Project (SWP). Your comments, questions and suggestions are welcome and can be directed to Cindy Garcia @ 916-653-7213, or Austine Eke @ 916-653-7227. To view WQ data from any of the 15 automated stations along the SWP, visit: <http://www.womwq.water.ca.gov> and click the "Autostation Data" link on the left side navigation bar.

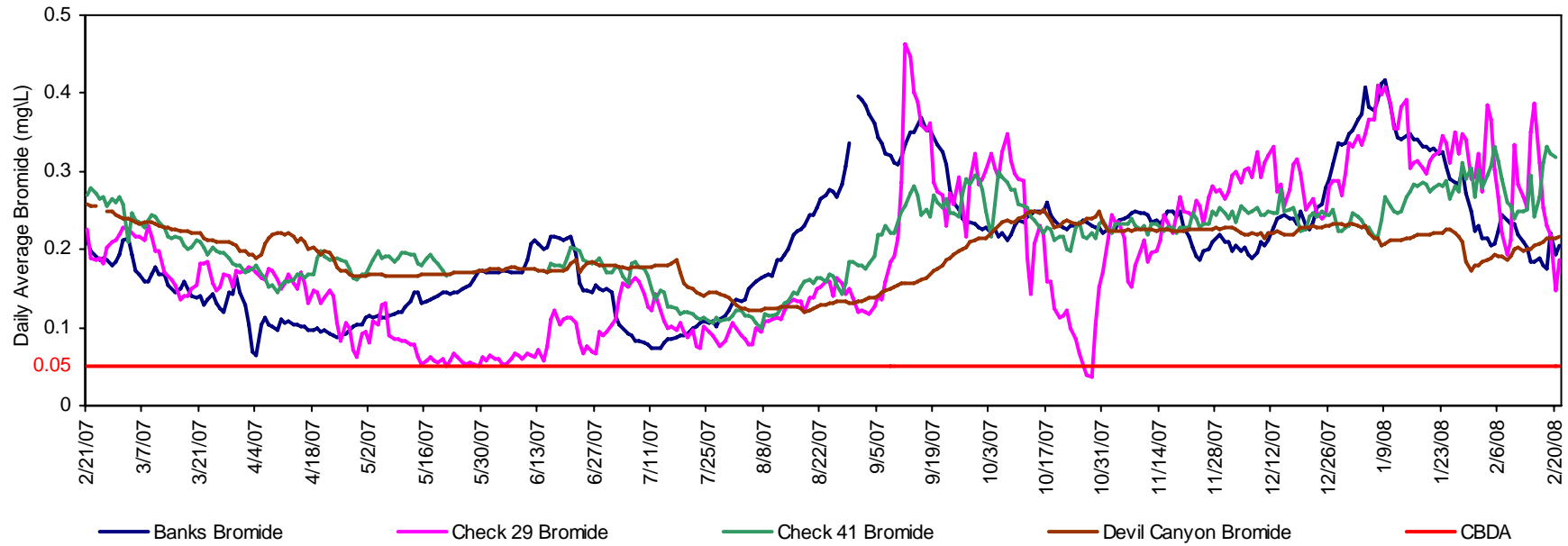
California Aqueduct - Calculated Total Dissolved Solids



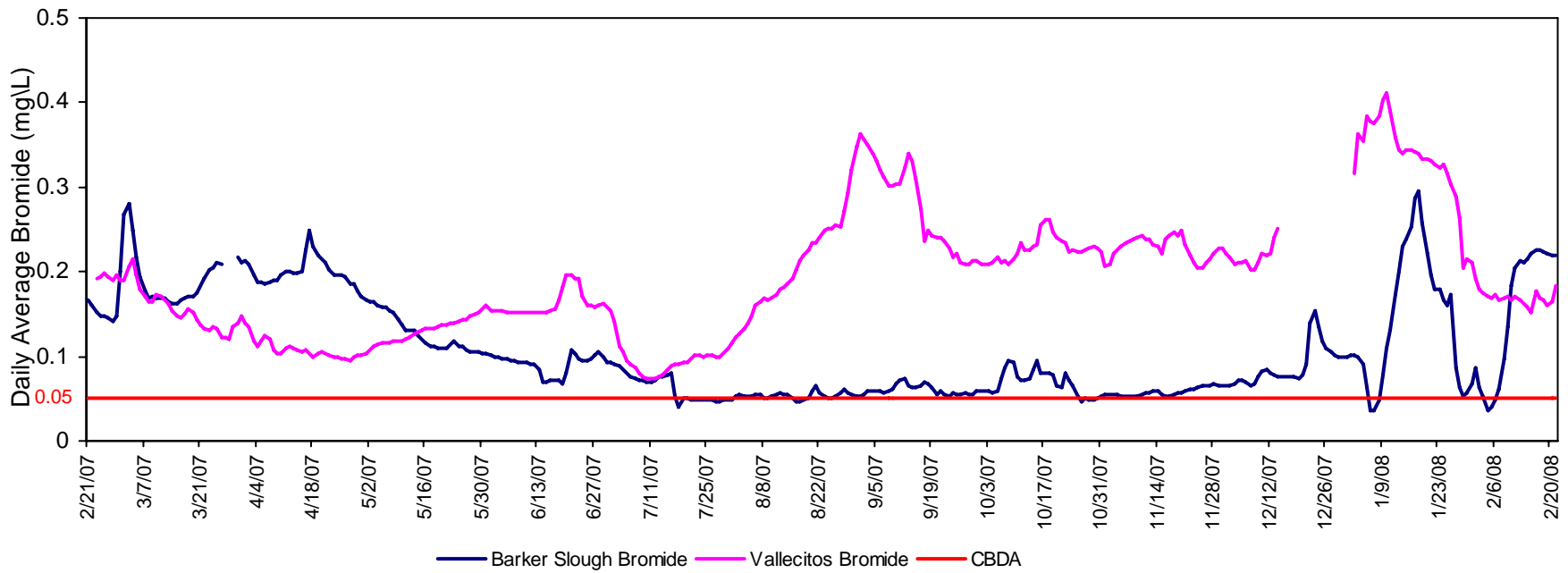
North and South Bay Aqueduct - Calculated Total Dissolved Solids



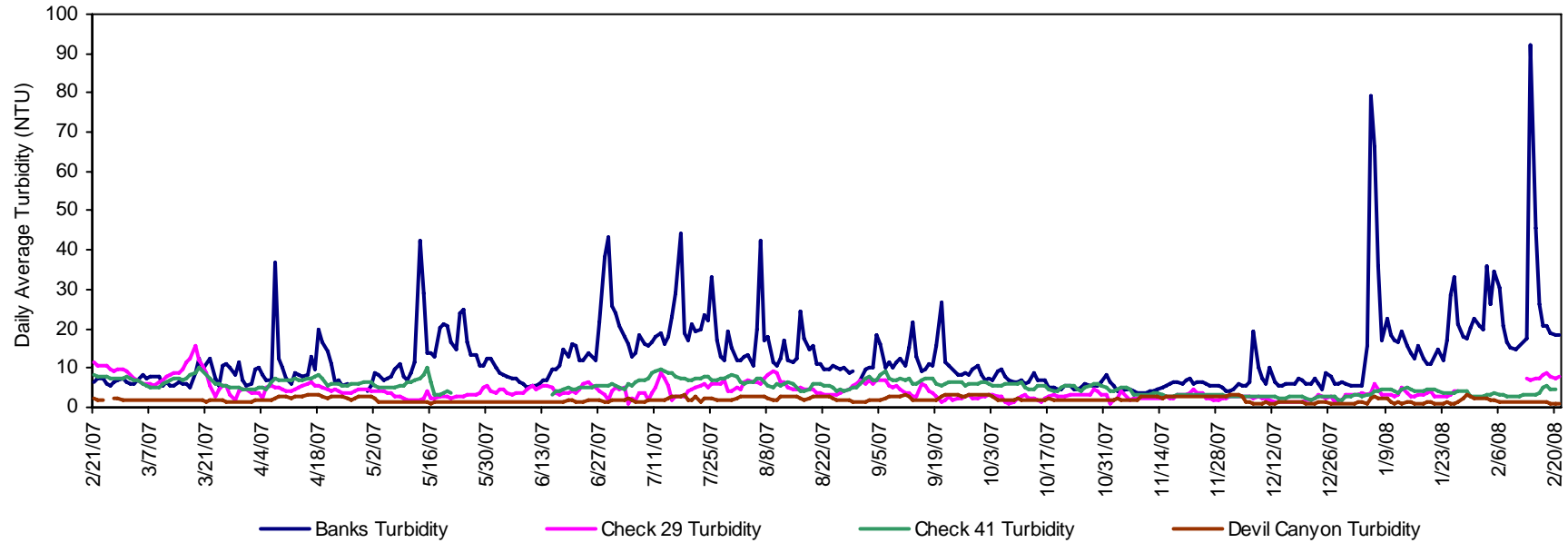
California Aqueduct - Calculated Bromide



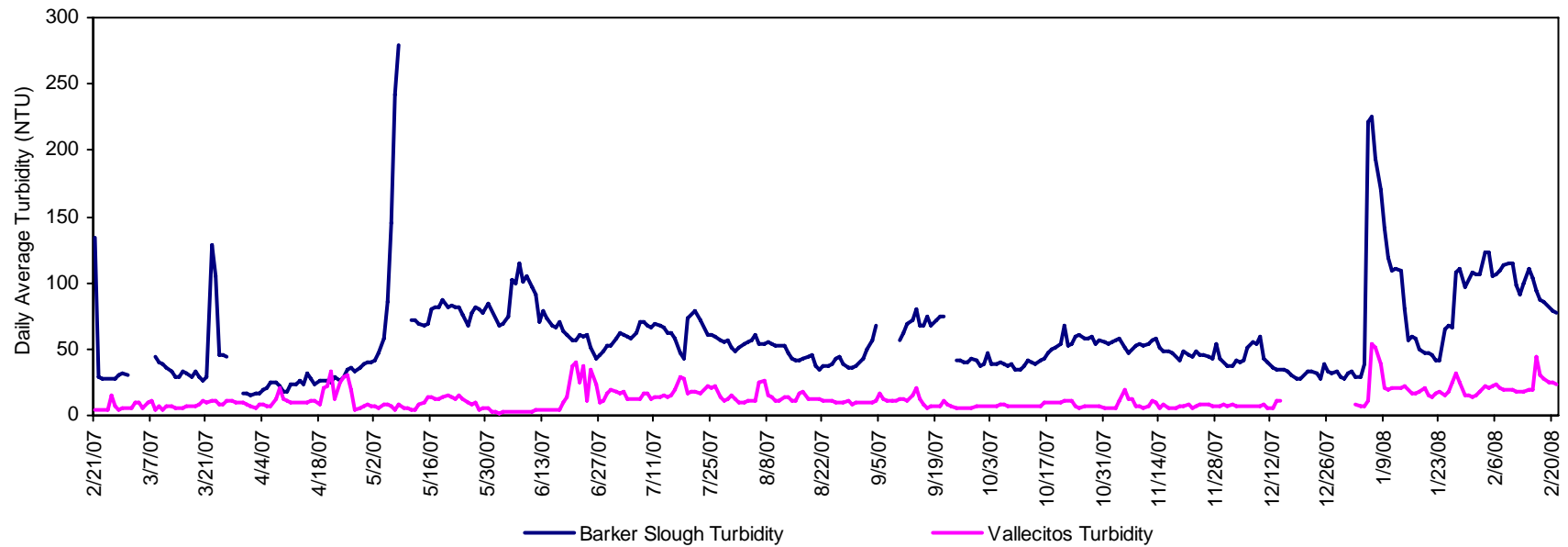
North and South Bay Aqueduct - Calculated Bromide



California Aqueduct - Turbidity



North and South Bay Aqueduct - Turbidity



California Aqueduct Calculated Dissolved Organic Carbon

